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## 04/13/2007 FRI 10:37 [TX/RX NO 6697] 006

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<b>Application Number</b>	10/518,226
<b>Filing Date</b>	December 16, 2004
<b>First Named Inventor</b>	Carl Christensen
<b>Art Unit</b>	2138
<b>Examiner Name</b>	Christine T. Tu
<b>Attorney Docket Number</b>	PU020288

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European Patent  
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**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
**EP 03 74 2042**

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 559 506 A (LEITCH CLIFFORD D [US]) 24 September 1996 (1996-09-24)	1,3,12, 13,18,19	INV. H03M13/29
Y	* column 9, line 28 - line 52 *	2	
A	* column 12, line 18 - column 13, line 13 * * column 15, line 4 - column 16, line 7 * * column 18, line 20 - column 19, line 10 * * figures 5,9-14 *	4-11, 14-17	
X	US 6 125 466 A (CLOSE CIARAN B [IE] ET AL) 26 September 2000 (2000-09-26)	12	
A	* column 3, line 33 - column 4, line 21 *	1-11, 13-19	
Y	US 5 740 186 A (WIDMER ALBERT X [US]) 14 April 1998 (1998-04-14) * abstract *	2	
A	* column 4, line 18 - column 5, line 59 * US 4 660 202 A (WOODSUM GREGORY T [US]) 21 April 1987 (1987-04-21) * column 2, line 57 - column 7, line 52 * * figures 3-13 *	1-19	TECHNICAL FIELDS SEARCHED (IPC) H03M G06F
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>Munich</b>		Date of completion of the search <b>20 February 2007</b>	Examiner <b>Burkert, Frank</b>
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document	

4  
EPO FORM 1503 (03.02) (P0404)

# ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 03 74 2042

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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20-02-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5559506 A	24-09-1996	CN 1151797 A	11-06-1997
		EP 0811195 A1	10-12-1997
		WO 9530956 A1	16-11-1995
		US 5710546 A	20-01-1998
		ZA 9503557 A	25-01-1996
US 6125466 A	26-09-2000	NONE	
US 5740186 A	14-04-1998	EP 0709979 A2	01-05-1996
		JP 3254357 B2	04-02-2002
		JP 8213969 A	20-08-1996
		US 5784387 A	21-07-1998
US 4660202 A	21-04-1987	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

\*\* TOTAL PAGE.09 \*\*